No.	Items of work	Unit	Rate	Quantity	Cost
			Rs. a. p.		Rs.
	IV. Constructing a Waste Weir 132′ long at R. L. 50.00.				
1	Blasting and removing hard rock	S.ft.	2 0 0	50	
	Do soft rock	,,	0 8 0	50	
2	Benching rock	,,	0 2 0	775	
3	Cement concrete for filling loose pockets and making up uneveness	C.ft.	0 5 6	200	
4	Size stone in cement mortar	,,	0 6 0	2,290	
5	Add for extra quantity as per deduction (*viz.*, size stone)	,,	0 6 0	569	
6	Cement mortar pointing	Sqr.	3 8 0	15.65	
7	Rough stone work new	C.yd.	1 8 0	48	
8	Add for protective works if necessary	L. S.	..	..	87
	V. Constructing an Aqueduct for sluice channel across the Kodihalla	L. S.	..	..	400

M. V. KRISHNASWAMY IYENGAR,
Executive Engineer.

OFFICE OF THE ASSISTANT ENGINEER, HEADQUARTER RANGE, MYSORE.

Notification dated 11th March 1939.

1. Sealed tenders will be received at the Office of the Assistant Engineer, Headquarter Range, Mysore, up to 2 P.M. on 25th March 1939, for constructing Bewoor buildings (Post Office), Doddapet Circle, Mysore.

2. Tenders in the prescribed form obtainable from the Office of the Assistant Engineer, Headquarter Range, Mysore, on payment of rupee one for each form, should be addressed to the Assistant Engineer, Headquarter Range, and should be superscribed as "Tender for constructing Bewoor Buildings (Post Office), Doddapet Circle, Mysore." The name of the tenderer should also be superscribed on the sealed cover.

3. Each tender must be accompanied by a deposit of Rs. 4,000 only in cash or Government Security, Municipal Debentures, Post Office Cash Certificates (at cash payment value at the time of deposits and not face value), as earnest money. The earnest money of the successful tenderer will be retained as cash security for the due fulfilment of the contract. (Cash amount will not carry any interest.) In case of the acceptance of the tender, an addition of the five per cent of the estimated amount as security deposit should be paid at the time of executing the agreement in the Public Works Department Form. The amount of earnest money should be paid direct to treasury and the duplicate treasury challan submitted separately along with the tender.

4. The tenders will be opened in the presence of such tenderers who wish to be present on 25th March 1939 at 4 P.M. The final acceptance of the tender will rest with the Government who do not bind themselves to accept the lowest or any tender, or to assign any reasons whatever for the rejection of any.

5. The name of the successful tenderer will be posted on the Notice Board in the Assistant Engineer's Office in due course. Within eight days of the acceptance of the tender, the successful tenderer will be required to execute the agreement in the departmental schedule contract form for the due fulfilment of the contract.

6. Failure to comply with the condition 5 above or to agree to carry out the work in accordance with the specifications and agreements in force, will entail forfeiture of the earnest money.

7. Copies of contract documents, estimates and drawings may be seen at any time at the Office of the Assistant Engineer, Headquarter Range, Mysore, on all working days, between 11 A.M. and 5 P.M.

8. Specific rates should be given for each item in the schedule and the rates should be in rupees, annas and in multiples of three pies and expressed in words and figures.

9. Any rates or lumpsum amounts for the items not called for, if tendered by the tenderer, will not be taken notice of. The rates tendered should include all such lumpsum items.

10. No alterations which are made by the tenderers in the contract documents in the nomenclature of the sanctioned sub-heads will be recognised and if corrections are made, the tenders will be liable to rejection.

11. There should be no corrections or erasures in the tenders in the rates of items and any corrections made in the rates should be attested to and the number of corrections, if any, in each page noted at the foot of the same by the tenderer.

12. No reference should be made to the Public Works Department current schedule of rates.

13. On the event of the tender being submitted by a firm, it must be signed separately and severally by each member thereof or in the event of absence of any partner, it must be signed on his behalf by a person holding power-of-attorney authorising him to do so.

14. When once the rates tendered have been accepted, they will not be revised under any circumstances. In regard to items of work not tendered, the rates to be proposed by the Assistant Engineer, Headquarter Range, Mysore, and approved by the Superintending Engineer shall be final and legally binding on the tenderer.

15. The quantities as estimated are only approximate and are liable to alterations, omissions, deductions or additions, at the discretion of the Assistant Engineer or his representative. The tendered rates will hold good for any quantity whether higher or lower than those estimated for.

16. The work should be completed as per departmental specifications for different items and handed over to the Public Works Department by the end of September 1939, failing which the Assistant Engineer may, at his discretion, levy a penalty up to Rs. 50 per day of delay which will be recovered from the contractor's outstandings for the period exceeded by him till the work is completed and handed over.

17. In all matters of dispute of any kind, not specially provided for in the agreement or of rates, penalties, measurements, quality of work, etc., the decision of the Chief Engineer shall be final and legally binding.

18. The earnest money of rejected tenders will be returned on surrender of the receipts originally granted, along with an application to the Assistant Engineer, Headquarter Range, Mysore.

19. No claims for damages for delays caused by officers of the department in the execution of the work will be considered, whatever may be the reason for such delays. Contractors should bear this in mind when tendering for work. Extension of time due to delays caused by the departmental officers will, however, be considered on the merits of each case.

20. The contract should not be sublet.

21. All materials, tools, plant and machinery that will be supplied by the Assistant Engineer in the interest of the work, shall be accepted by the tenderer at the rates fixed by the Assistant Engineer and the tenderer will pay the hire, etc., on machinery at the prescribed per cent per annum of the booked value of the tools and plant supplied from the date of taking over of tools and plant from the Stores to the date of return to the Stores, the date sconsidered being the dates of acknowledgments of the vouchers in each transaction.

22. The contractor should arrange for the payment of royalty and tolls.

Note.—(*a*) The contractor should at his own cost—

(1) Provide rods, stakes, ropes and labours required in setting out the works.
(2) Provide all necessary scaffolding, centering, labour and appliances for hoisting.
(3) Provide mortar mills and sheds to keep materials under cover and also for workmen.
(4) Arrange for protecting work during inclement weather.
(5) Supply requisite temporary lights, water cisterns, water-shoots, coverings to masonry tile pieces to steps, sieves, parahs, or measures, shoring and other requisite protection during the progress of the work.
(6) Supply all water required for work and workmen and shall provide latrines, drainages, etc.
(7) Clean away all dirt, rubbish, superfluous materials and debris as they accumulate.
(8) Provide arrangements for pumping and bailing from excavations and foundations, wherever and whenever necessary with their own pumping apparatus including necessary leading drains, slump pits, etc.
(9) Wash floors at completion and leave the whole of the work and premises in a clean and orderly condition, etc.
(10) Afford facilities to any other parties employed upon the work so that their work may proceed during the progress of the contract, and give such persons the use of ordinary scaffolding and ladders.

Note.—(*b*) It is the business of the contractors to make their own arrangements for quarries and supplies of materials.

23. The rates for wood-work for all works quoted should be based on the rates of the departmental supply as noted below. Only Mysore teak selected from the Mysore Government Depots must be used.

24. Work to the extent of Rs. 13,500 will have to be carried out each month.

Prevailing Government rates at Mysore Forest Depot for Mysore teak is as follows:—

	Rs.	a.	p.	
(1) Selected 1st class logs	2	8	0	per c.ft.
(2) Cut scantling of sizes 3″×4″	3	4	0	„
(2*a*) Do 3″×5″ to 4″×7″	3	12	0	„
(3) Planks 1″ to 1¾″ to required sizes	4	8	0	„

25. Only Chamundi Brand cement should be used for all works requiring this nature.

26. Such of the tenders which do not clearly quote with detailed specifications for all the items without exception will not be considered.

Abstract of quantities for constructing 'Bewoor' Buildings (Post Offices) in Doddapet Circle, Mysore.

No.	Items of work	Unit	Rate	Quantity	Cost
	GROUND FLOOR.		Rs. a. p.		Rs.
1	Earthwork excavation foundations in gravelly soil and filling in basement with watering and consolidating as per Bombay specification ..	C.yd.	..	750	

No.	Items of work	Unit	Rate	Quantity	Cost
			Rs. a. p.		Rs.
2	(*a*) Filling in foundations with broken granite stone jelly (1″ size) concrete in lime mortar ..	C.ft.	..	4,200	
	(*b*) Do do in surki mortar	,,	..	4,200	
	(*c*) Reinforced cement concrete Beams 1½ to 2 per cent reinforced and 1 : 2 : 4 cement concrete laid in foundations complete	,,	..	..	
3	(*a*) Size stone masonry in lime mortar with through bond stones at every 6′ in each course, the stones being bonded properly	,,	..	11,300	
	(*b*) Do do in surki mortar	,,	..	11,300	
	(*c*) Do do in composite mortar	,,		11,300	
	(*d*) Filling in foundation with reinforced cement concrete raft with footings designed to take a load of 1½ tons per S.ft., of bottom area complete	,,	..	700	
4	(*a*) Size stone in lime mortar with special through bond stones at every 6′ in each course, the stones being bonded properly including Quoins neatly dressed 2″ wide	,,	..	4,000	
	(*b*) Do do in composite mortar	,,	..	4,000	
	(*c*) Two-line dressing to basement	S.ft.	..	..	
5	(*a*) Burnt brick in lime mortar for superstructure	C.ft.	..	13,500	
	(*b*) Wire cut brick in cement mortar 1 : 3 ..	,,	..	8,000	
	(*c*) Wire cut brick in composite mortar	,,	..	8,000	
	(*d*) Country brick in cement mortar	,,	..	..	
	(*e*) Country brick in composite mortar	,,	..	..	
	(*f*) Burnt brick in lime mortar for arch-work ..	,,	..	80	
	(*g*) Wire cut brick in cement mortar, for arch-work	,,	..	80	
6	Burnt stone slabs 6″ thick two line dressed and fixed in lime mortar	S.ft.	..	1,500	
7	Cement concrete slab 1 : 2 : 4 as water proof course	C.ft.	..	800	
8	(*a*) Reinforced cement concrete square pillars (Chamferred corners) designed to take a super load of 600 lbs. per square inch 16″ at bottom 14″ at top (1 : 2 : 4 and 1½ per cent reinforcement) including bases and caps of simple design 13′ high	Each	..	17	
	(*b*) Do do circular pillars	,,	..	6	
	(*c*) R. C. C. circular pillars 1 : 2 : 4 and reinforcement 1½ to 2 per cent including cement plastering finished with fine ground lime mortar ornamental moulding, etc., complete ..	C.ft.	..	416	
9	(*a*) Providing and fixing teakwood doors of frames 3″×5″ without bottom sills having fully panelled shutters 1¾″ thick with T. W. rectangular ventilators on top including copper oxidized brass fittings with Yale Rim Locks, bolts, handles, finger plates, hinges, hooks, etc., complete	S.ft.	..	600	
	(*b*) Do do 1½″ thick shutters for smaller doors in cross walls ..	S.ft.	..	120	
	(*c*) Providing and fixing T. W. Doors as per item No. 9 (*a*) with half panelled, half glazed shutters with pilkington pin-headed glasses with oriental ventilators at top with single sheet pin-headed Pilkington glass	,,	..	600	
	(*d*) Do do with welded grill for the oriental shaped ventilators at top ..	,,		600	
10	(*a*) Providing and fixing T. W. windows with frames 3″×5″ and shutters 1½″ thick opening outside in four halves of Louvres or fixed venetians ⅜″ thick and with rectangular or curved glazed ventilators at top with welded grill of ½″ square bars placed 4″ apart and brass fittings, bolts and hinges, etc., complete ..	,,	..	250	
	(*b*) Do do with copper oxidised brass fittings	,,	..	250	

No.	Items of work	Unit	Rate	Quantity	Cost
	FIRST FLOOR.		Rs. a. p.		Rs.
11	Providing and fixing rectangular T. W. ventilators with welded grills including top hung glazed shutters opening out-side	S.ft.	...	80	
12	Reinforced cement concrete and brick partition walls 4½″ thick with burnt brick in cement mortar with 3″ reinforced joists of concrete at every 10th or 12th course for bond including chunam plastering, etc., complete	,,	..	600	
13	(*a*) Providing and fixing T. W. panelled doors for bath rooms with 3″×6″ frames and shutters 1″ thich with ¾″ flush pannels including springed hinges, draw bolts, mortice, latch, etc., complete	,,	..	36	
	(*b*) Reinforced cement concrete wall 3″ thick with 1½ per cent reinforcements built between R. C. C. Piers to fix steel almirahs including cement plastering white and colour washing, etc., complete	,,	..	320	
	(*c*) R. C. C. Piers of 1′—9″×1′ with 1½ per cent reinforcement built at the sides of steel almirahs openings with white or colour washing, and cement plastering, etc., complete..	C.ft.	..	322	
14	Providing and fixing R. S. Girders of B. S. S. tested including hoisting with one coat of anti-corrosive paint, etc., complete	Cwt.	..	200	
15	Boxing lintel girders 14″×5½″ and 12″×5″ and 9″×4″ with terrace brick in cement mortar, reinforced with galvanized steel tex tied from above and chunam plastering, white and colour washing, etc., complete	C.ft.	..	600	
16	(*a*) Roofing with R. B. C. 6″ thick 1 : 2 : 4 and brick filling spaced 2″ apart designed to take a super load of 80 lbs., for spans 8′ to 10′ with 1½ per cent reinforcement bars and 2″ cross and longitudinal joints and with granolethic floor of 1½″ thick including topping of ¼″ of coloured red cement (water proofed) and with ironite 2½ lbs. per square and cut to 9″ tile-pattern, etc., complete	Sqr.	..	55·00	
	(*b*) Do do for spans of 10′ to 12′	,,	..	..	
	(*c*) R. C. C. Terrace with reinforcements and as per specification to comply with L. C. C. regulations with floor finish on top as per item No. 16 (*a*), for spans of 8′ to 13′	,,	..	..	
17	Constructing plain cornice as per design alround the building	R.ft.	..	400	
18	Plastering with chunam mortar smooth, including rounding corners (interior)	Sqr.	..	100·00	
	(*a*) Plastering exterior face with Chunam mortar ground with yellow ochre to cream tint finished smooth to a uniform colour ..	,,	..	50·00	
19	White and colour washing in two coats	,,	..	150·00	
20	Providing and fixing welded wrought (flat and square bars) with railings 2′—6″ high with T. W. Hand rails 3″ thick as per simple design complete including black Japan paint for iron and polishing to hand rails	R.ft.	..	38	
21	(*a*) Fixing and providing steel collapsible gates with rollers at top (as in Electric Lift) and locking arrangement with aluminium paint, etc., complete	S.ft.	..	60	
	(*b*) Do do with Laboratory green paint	,,	..	60	

No.	Items of work	Unit	Rate	Quantity	Cost
			Rs. a. p.		Rs.
22	Flooring with 1½″ cement concrete 1 : 2 : 4 broken stone to be of granite metal on a layer of 4″ thick of lime concrete with topping of red cement water proof ¼″ thick finished with ironite 2½ lbs. per square and cut to tile pattern where required with all corners rounded, etc., complete ..	Sqr.	..	38·00	
	(a) Flooring with granite stone 4″ to 5″ thick 2 line dressed in 1′—6″ square laid diagonally on 4″ concrete bed for verandah, battery, tiffin and record rooms	,,	..	17·00	
	(b) Flooring with red cement concrete tiles (as per design with black cement border tiles) laid on 4″ lime concrete	Sqr.	..	10·00	
	(c) Flooring with glazed tiles (English make) for bath rooms	,,	..	1·50	
	(d) Skirting to interior of the building with cement concrete ¾″ thick 9″ high with topping of ¼″ thick red cement	,,	.	780	
23	Cement pointing to basement	,,	..	10·00	
24	Painting 2 coats Mysore Lac Factory Green Paint	,,	..	22·00	
	(a) Polishing 3 coats of Lac Factory polish, including scraping, sand papering, etc.	,,	..	22·00	
25	Cement Plastering to walls ½″ thick in latrine ..	,,	..	3·00	
26	English white glazed tiles for dadooing laid complete, in W. C.	,,	..	3·00	
27	Providing teakwood stair with newel posts and stringers 4½′ wide and 14″ tread and 5½″ rise with mathematical turned T. W. ballustrades, etc., complete including polishing	Per foot of step	..	270	
	(a) Do do with kick plates of brass for steps	,,	..	270	
28	Providing R. C. C. cantilever stair with 1′—6″ bearing on walls and 4′—6″ wide of geometrical shape with bearing of 2½″ on each step and surface wear proofed with ironite	,,	..	270	
	(a) Do do with T. W. planks for treads with kick plates complete ..	,,	..	270	
29	Railing for stair with welded square and flat bars (½″, ¾″, 1¼″×¼″) to simple design spaced about 4″ apart and with T. W. Hand rails polished and fixed	R.ft.	..	70	
30	Constructing parapet wall as per design 2′ high 1′—1½″ thick with burnt brick in lime mortar plastering, white and colour washing, complete	,,	..	150	
31	Constructing R. C. C. sloping chajja at the roof level 4″ thick as per design with tower treatment to the central main entrance	S.ft.	..	108	
32	R. C. C. perforated ventilators 1¼′ square over doors and windows as per design	,,	..	100	
33	Skirting around doors and windows as per design 6″ wide	R.ft.	..	1,200	
34	Providing and fixing 4″ dia. cast iron down-take rain water pipes with gratings heads, elbows, bends, etc., complete with required painting with necessary fixtures	,,	..	380	
	(a) Do do with Cement Asbestos pipes embedded in masonry ..	,,	..	380	
	(b) Do do do exposed ..	,,	..	380	
35	Providing and fixing 4″ square C. I. down-take pipes as per item No. 34	,,	..	380	
36	R. C. C. rectangular beams 1 : 2 : 4 with reinforcements to comply with L. C. C. regulations for terrace	C.ft.	..	..	

Abstract quantities for constructing 'Bewoor' Buildings (Post Offices) in Doddapet Circle at Mysore.

FIRST FLOOR.

1	Burnt brick in lime mortar	C.ft.	..	8,000	
	(a) Burnt brick in cement mortar	,,	..	..	

No.	Items of work	Unit	Rate	Quantity	Cost
			Rs. a. p.		Rs.
2	Burnt brick in lime mortar arch work	C.ft.	..	400	
	(*a*) Wire cut brick in cement mortar for arch work	,,	..	400	
3	R. C. C. Slabs 1 : 2 : 4 and 1 per cent reinforcement 3″ thick for bonds	,,	..	440	
4	R. C. C. square pillars 9′ high 14″ square at bottom and 12″ square at top including bases and caps as per design to bear a load of 500 lbs. per square inch, well finished	Each	..	16	
	(*a*) R. C. C. Circular pillars 1 : 2 : 4 and reinforcements 1½ to 2 per cent including cement plastering finished with fine ground lime mortar ornamental moulding, etc., complete.	C.ft.	..	..	
5	Providing and fixing T. W. doors with frames of 3″×5″ without bottom cills having ⅓ panelled and ⅔ glazed shutters 1½″ thick with T. W. curved ventilators on top including copper oxidised brass fitting with superior rim locks, handles, finger plates, hooks, and other fixtures, etc., complete	S.ft.	..	850	
	(*a*) Do do with Pilkington pin-headed glasses	,,	..	850	
6	Providing and fixing T. W. windows with frames 3″×5″ and 1¼″ thick glazed shutters in four halves opening outside with curved ventilators (glazed as per design) on top including welded grill with ½″ square bars 4″ apart and with brass fittings, etc., complete	,,	..	700	
	(*a*) Do do with Pilkington pin-headed glasses and copper oxidised brass fittings	,,	..	700	
7	Providing and fixing rectangular T. W. Ventilators with 1″ thick shutters horizontal pivots at top, etc., complete	,,	..	200	
8	R. C. C. partition walls with brick nogging with burnt brick in cement mortar, R. C. C. joists at every 3′ including chunam plastering, etc., complete	,,	..	2,160	
9	Providing and fixing R. S. Girders of B. S. S. tested including hoisting and fixing with one coat of anti-corrosive paint, etc., complete	Cwt.	..	250	
10	Boxing lintel girders 14″×5½″ and 12″×5″, etc., with terrace brick in cement mortar and steeltex, etc., complete, with two beading 1½″ at bottom edges	C.ft.	..	600	
11	Roofing with R. C. C. Terrace 4½″ thick for 9′ spans laid on R. C. camber piece of 1 in 24 slope and to carry a super load of 80 lbs. per sq. ft. and with provision for negative bending moment and expansion and finished with a water-proofing coat of 2″ average thick emulsion concrete finished smooth	Sqr.	..	49·00	
11	(*a*) Roofing the main rooms with R. C. C. slabs 4″ thick to take a super load of 60 lbs. per sq.ft. laid on R. C. C. camber piece of 1 in 20 over R. C. C. beams having slopes both sides over which a layer of 3″ maximum thickness of surki concrete is put on with a topping of ⅜″ thick emulsion covered with sand ..	Sqr.	..	29·00	
11	(*b*) Do do with two courses of flat tiles on top over surki concrete with lime mortar plastering, top and bottom complete	,,	..	29·00	
12	Exterior wall of double sheeting fixed to teakwood frame 3″× 4″ and 4′—6″ apart verticle and about 3′ apart horizontal bolted to steel stanchions inner lining of celotex brushed with distemper and external lining of Indianite washed with thick cement grout	S.ft.	..	2,000	

No.	Items of work	Unit	Rate	Quantity	Cost
			Rs. a. p.		Rs.
12	(*a*) Reinforced cement concrete wall 3″ thick with cement plastering both faces built between R. C. C. pillars with reinforcement 1½ per cent including white or colour washing ..	S.ft.	..	1,500	
12	(*b*) R. C. C. pillars of 12″ square with longitudinal R. C. C. T beams 18″×12″ and cross beams 13″×8″ at 9′ centre to centre with reinforcements 1½ per cent including cement plastering white and colour washing complete ..	C.ft.	..	500	
13	Reinforced wire cut brick exterior walls 4½″ thick with horizontal reinforced concrete joists about 3′ apart and plastered with cement mortar on both faces ¾″ thick	C.ft.	..	750	
14	Constructing plain cornice as per design all round	R.ft.	..	230	
15	Plastering faces of walls with chunam mortar as per specification, as in ground floor	Sqr.	..	120·00	
16	White and colour washing, two coats	,,	..	170·00	
17	Painting two coats with Mysore Lac Factory green paint	,,	..	35·00	
17	(*a*) Polishing with three coats of lac polish including scraping, sand papering, smoothening, etc., complete	,,	..	35·00	
18	Constructing parapet wall as per design, 1½′ high and 1′—1½″ thick with burnt brick in lime mortar and plastering and white or colour washing	R.ft.	..	350	
19	Providing and fixing 4″ diameter cast iron down-take rain water pipes with gratings heads, elbows, bends, etc., with required coloured painting with necessary fixtures, etc., complete.. ..	,,	..	380	
19	(*a*) Do do 4″ square do...	,,	..	380	
19	(*b*) Providing and fixing 4″ dia. cement asbestos rain water down pipes embedded in masonry..	,,	..	380	
19	(*c*) Do do exposed ..	,,	..	380	
20	Projected balconies to the tower room with R.C.C. pillars, chajjas, parapet wall with perforations as per design and tower treatment, brackets to support balcony, etc., complete including chunam plastering white and colour washing, etc., complete	Each	..	6	
21	Constructing towers over corner rooms with R. C. chajja finials, etc., complete as per design ..	Each	..	4	
21	(*a*) R. C. C. pyramid domes with a top width of 3′ across to fix the finials as per design over front rooms and R. C. C. chajja white or colour washing, etc., complete	C.ft.	..	700	
22	Wrought iron railings 2′—6″ high between pedastals of pillars and well hole upstairs with welded ½″ square bars spaced about 4″ apart as per design with teakwood hand rails 3″ thick including black Japan paint for iron and polishing to hand rails	R.ft.	..	100	
23	R. C. C. sloping chajjas at the roof level 4″ thick as per design	S.ft.	..	108	
24	R. C. C. perforated ventilators 1¼′ square over doors and windows as per design	,,	..	100	
25	R. C. C. pedestals below pillars of verandah 1½′ square with top and bottom moulding as per design	Each	..	16	
26	Skirting all round the interior with cement concrete ¾″ thick 9″ high with topping of ¼″ thick red cement including beading, etc., complete ..	R.ft.	..	800	
27	Skirting all round doors and windows as per design 6″ wide	,,	..	1·200	
28	Plastering faces of walls with chunam mortar ground with yellow ochre to a cream tint finished smooth to a uniform colour	Sqr.	..	50·00	

M. H. RAMANUJAM,
Assistant Engineer.